SACC-E-M12MSS-3P-M16/0,11PE PW - Device connector front mounting

1106332

https://www.phoenixcontact.com/us/products/1106332

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Device connector front mounting, Power, 3-position, Pin, straight, M12, S-coding, on free cable end, Individual wires, cable length: 0.11 m, 1.31 mm^2, potted, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Commercial data

Item number	1106332
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB24
Product key	ABQCEG
GTIN	4055626997148
Weight per piece (including packing)	34.5 g
Weight per piece (excluding packing)	22.149 g
Customs tariff number	85444290
Country of origin	DE

Technical data

Notes

General	Contact connection method: Crimp connection

Safety note

Safety note	• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.

Mounting

Mounting type	Front mounting (M16 x 1,5)

Product properties

Product type	Circular connectors (device side)
Application	Power
Number of positions	3
Connection profile	2+PE
No. of cable outlets	1
No. of power contacts	2
Coding	S
Thread type	M12

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Material specifications

Material Molding compound	PUR (potted)
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA
Material for screw connection	CuZn alloy, nickel-plated

Electrical properties

Rated surge voltage	6 kV AC
Nominal current I_N	12 A
Test voltage	6 kV

Connection data

Conductor connection

Connection method	Individual wires
Contact connection type	Pin

Conductor cross-section	1.31 mm²

Interfaces

Signal type/category	Power

Connector

Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M12
Coding	S

Connection 2

Head design	free cable end

Cable/line

Cable length	0.11 m
Cable cross section	1.31 mm²
AWG signal line	16

Environmental and real-life conditions

Ambient conditions

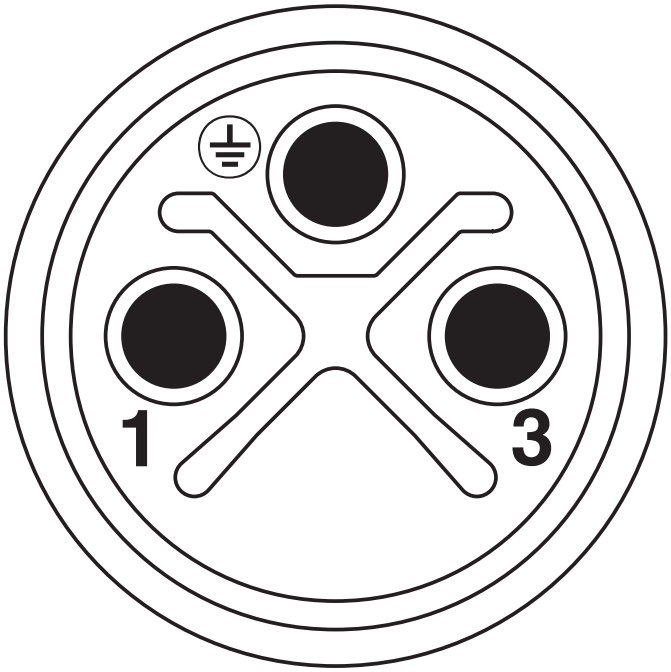
Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-111

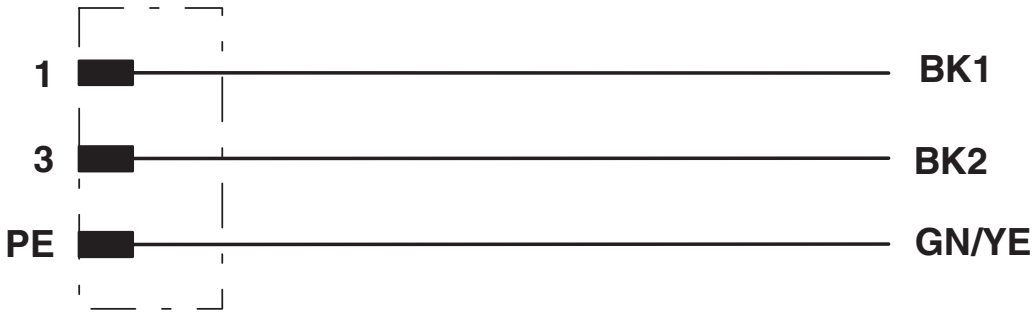
Drawings

Schematic diagram



Pin assignment of M12 plug, 3-pos., S-coded, view of pin side

Circuit diagram



Contact assignment of the M12 plug

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1106332

cUL Recognized
Approval ID: E468743-20190917

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	600 V	12 A	16	-

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Classifications

ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

ETIM

ETIM 10.0	EC003570

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com